

CONTENTS

Cited in: *Biological Abstracts*—Elsevier BIOBASE/Current Awareness in Biological Sciences—Chemical Abstracts—Current Contents/Life Sciences—EMBASE Excerpta Medica—Index Medicus—Clinical Chemistry Lookout—Current Clinical Chemistry—Informa—PASCAL—Reference Update—Current Clinical Cancer

Quantitative acylcarnitine profiling in fibroblasts using [U- ¹³ C] palmitic acid: an improved tool for the diagnosis of fatty acid oxidation defects F.V. Ventura, C.G. Costa, E.A. Struys, J. Ruiter, P. Allers, L. Ijlst, I. Tavares de Almeida, M. Duran, C. Jakobs and R.J.A. Wanders (Netherlands, Portugal)	1
Determination of the activity of carboxypeptidase A in the blood of healthy human adults J.D. Stewart and C. Gilvarg (USA)	19
Hyperkalemia risks in hemodialysed patients consuming fluoride-rich water A. Nicolay, P. Bertocchio, E. Bargas, F. Coudoré, G. Al Chahin and J.-P. Reynier (France)	29
Discrimination of liver cirrhosis from chronic hepatitis by measuring the ratio of <i>Aleuria aurantia</i> lectin-reactive serum cholinesterase to immunoreactive protein T. Hada, M. Kondo, K. Yasukawa, Y. Amuro and K. Higashino (Japan)	37
Improved in vitro stability of serum osteocalcin by using a new commercially available antiproteolytic compound R. Baumgrass, M. Daenzer and D. Felsenberg (Germany)	47
A highly sensitive enzyme-linked immunoassay for serum free prostate specific antigen (f-PSA) K. Matsumoto, N. Konishi, Y. Hiasa, E. Kimura, Y. Takahashi, K. Shinohara and T. Samori (Japan)	57
Radiocontrast interference in screening tests for genetic-metabolic diseases J.L. Potter, G.D. Timmons and W.G. Kofron (USA)	71
Urinary carboxyterminal telopeptide of collagen I as a potential marker of bone metastases chemotherapy monitoring in breast cancer P. Houzé, B. Bellik, J.-M. Extra, F. Bouro and B. Bousquet (France)	77
Phospholipid changes in children with pancreatic sufficiency and insufficiency M. Hossein Nouri-Sorkhabi, M.A. Gruca, P.W. Kuchel and K.J. Gaskin (Australia)	89
Effect of ethanol and acetaldehyde on intracellular protease activities in human liver, brain and muscle tissues in vitro D. Mantle, G. Falkous, T.J. Peters and V.R. Preedy (UK)	101
Clinical usefulness of serum tissue inhibitor of metalloproteinases (TIMP)-2 assay in patients with chronic liver disease in comparison with serum TIMP-1 Y. Murawaki, Y. Ikuta and H. Kawasaki (Japan)	109
Relationship between natriuretic peptides and hemodynamics in patients with heart failure at rest and after ergometric exercise W. Friedl, J. Mair, S. Thomas, M. Pichler and B. Puschendorf (Austria)	121
Glycosylphosphatidylinositol-specific phospholipase D in blood serum: Is the liver the only source of the enzyme? H. Rhode, E. Lopatta, M. Schulze, C. Pascual, H.-P. Schulze, K. Schubert, H. Schubert, K. Reinhart and A. Horn (Germany)	127
Determination of xanthine oxidase in human serum by a competitive enzyme-linked immunosorbent assay (ELISA) M.G. Battelli, A. Abbondanza, S. Musiani, L. Buonamici, P. Strocchi, P.L. Tazzari, L. Gramantieri and F. Stirpe (Italy)	147
<i>Technical note</i>	
Colorimetric micro-determination of free fatty acids in plasma using microplate readers A.A. Tinnikov and R. Boonstra (Russia, Canada)	159

(continued on inside back cover)



This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. The quickest way to register for **ContentsDirect** is via the World Wide Web at: www.elsevier.nl/locate/ContentsDirect. If you don't have access to the WWW you can register for this service by sending an e-mail message to csubsub@elsevier.co.uk specifying the title of the publication you wish to register for. The tables of contents are also available on the Elsevier Science website at: www.elsevier.nl or www.elsevier.com or www.elsevier.co.jp



(Contents continued from outside back cover)

Short communications

- Nuclear magnetic resonance studies of synovial fluids from patients with rheumatoid arthritis and osteoarthritis
S. Meshitsuka, E. Yamazaki, M. Inoue, H. Hagino, R. Teshima and K. Yamamoto (Japan) 163
- A novel assay for lysosomal pepstatin-insensitive proteinase and its application for the diagnosis of late-infantile neuronal ceroid lipofuscinosis
M.A. Junaid, S. Sklower Brooks, K.E. Wisniewski and R.K. Pullarkat (USA) 169

Case report

- Antibody interference with the Abbott AxSym immunoassay for thyroid-stimulating hormone
M. Landau-Levine, B.A. Way, W.E. Clutter, M.G. Scott and A.M. Gronowski (USA) 177

- Announcement* 181

- Author index* 183

- Subject index* 185

- Instructions to Authors* 189

International Federation of Clinical Chemistry

- Recent IFCC Publications S1

- IFCC methods for measurement of catalytic concentration of enzymes. Part 9. IFCC method for α -amylase [1,4- α -D-glucan 4-glucanohydrolase, EC 3.2.1.1] S5

- ISE Newsletter S41